

**From:** [Salkus, Beverley AG:EX](#)  
**To:** [Lo, Reamick ENV:EX](#)  
**Cc:** [Xia, Eveline ENV:EX](#)  
**Subject:** RE: Groundwater Licensing under the WSA  
**Date:** Monday, December 4, 2017 7:58:41 AM

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Hi Reamick,

Below is correct. This is a decision MGH has supported. There will be an announcement by govt so water license folks should watch the ministry web site for any announcements for any changes.

Bev

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**From:** Lo, Reamick ENV:EX  
**Sent:** Friday, December 1, 2017 12:36 PM  
**To:** Salkus, Beverley ENV:EX  
**Cc:** Xia, Eveline ENV:EX  
**Subject:** FW: Groundwater Licensing under the WSA

Hi Bev,

We have received an inquiry from MLA Larson's office.

They had heard the ministry might extend this deadline. Is it true?

### *Transitioning to Groundwater Licensing*

*The first three years of the WSA are a transition period to bring in approximately 20,000 existing non-domestic groundwater users into the current water licensing scheme and its first-in-time, first-in-right (FITFIR) priority system. If you are an existing non-domestic groundwater user, you are encouraged to apply within the three-year transition period to maintain your date of precedence. If you submit your application on or before December 31, 2017, your application fees will be waived.*

Reamick Lo

Executive Assistant to the **Honourable George Heyman**  
Minister of Environment and Climate Change Strategy  
P: 250-812-8642

**From:** [Salkus, Beverley AG:EX](#)  
**To:** [Lo, Reamick ENV:EX](#)  
**Cc:** [Xia, Eveline ENV:EX](#)  
**Subject:** INFO: Questions from MLA Rice  
**Date:** Tuesday, December 5, 2017 11:00:52 AM

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Hi Reamick,

Here are a list of resources available to the public: The first link outlines the circumstances for which the CCG is the lead agency

The Coast Guard's National Response Plan (section 1.7.1) outlines the circumstances for which the CCG is the lead agency.

[http://www.ccg-gcc.gc.ca/eng/Ccg/er\\_National\\_Response\\_Plan/s1#171](http://www.ccg-gcc.gc.ca/eng/Ccg/er_National_Response_Plan/s1#171)

However, the Province has authority for certain aspects of marine spill response. We work with the CCG in Unified Command (described here: <https://www2.gov.bc.ca/gov/content/environment/air-land-water/spills-environmental-emergencies/planning-prevention-response/partners-in-emergency-prevention/unified-command>) to ensure a coordinated and effective response.

Specific to hazardous material spills, and not other marine emergencies, we are also guided by the BC Marine Oil Spill Response Plan, which specifies (section 4.2) how we work with other federal agencies. Note the CCG has adopted the use of the Incident Command System since this plan was drafted.

<https://www2.gov.bc.ca/gov/content/environment/air-land-water/spills-environmental-emergencies/planning-prevention-response/spill-response-plans>

Let me know if you require any further info.

Beverley Salkus

Acting/Manager Executive Operations

Ministry of Environment and Climate Change Strategy

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**From:** Lo, Reamick ENV:EX  
**Sent:** Tuesday, December 5, 2017 9:31 AM  
**To:** Salkus, Beverley ENV:EX  
**Cc:** Xia, Eveline ENV:EX  
**Subject:** RE: Questions from MLA Rice  
And if there's a protocol signed.

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**From:** Lo, Reamick ENV:EX  
**Sent:** Tuesday, December 5, 2017 9:27 AM  
**To:** Salkus, Beverley ENV:EX  
**Cc:** Xia, Eveline ENV:EX  
**Subject:** RE: Questions from MLA Rice  
Morning Bev,

MLA Rice has a follow-up question – is there a policy that discusses the Coast Guard taking the lead and coordinate with the spiller, ministry of environment and a FN representative.

Warmly,

Reamick Lo

Executive Assistant to the **Honourable George Heyman**  
Minister of Environment and Climate Change Strategy  
P: 250-812-8642

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**From:** Salkus, Beverley ENV:EX  
**Sent:** Monday, December 4, 2017 3:20 PM  
**To:** Lo, Reamick ENV:EX  
**Cc:** Xia, Eveline ENV:EX

**Subject:** RE: Questions from MLA Rice

Hi Reamick,

Coast Guard are the official lead agency for ship sourced spills. However, ENV operates in unified command with the Coast Guard, and the Responsible Party (Spiller) and a representative of First Nations to ensure a coordinated response.

This was the model for Nathan E Stewart, and the model for the recent Jake Shearer incident.

Bev

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**From:** Lo, Reamick ENV:EX

**Sent:** Monday, December 4, 2017 1:41 PM

**To:** Salkus, Beverley ENV:EX

**Cc:** Xia, Eveline ENV:EX

**Subject:** Questions from MLA Rice

Hi Bev,

MLA Rice has a media question re ocean-based emergencies in Bella Coola. Is there a published and/or official chain of commands for nautical disasters and emergency response if there was an incident like the Nathan E. Stewart example?

Thanks,

Reamick Lo

Executive Assistant to the **Honourable George Heyman**

Minister of Environment and Climate Change Strategy

P: 250-812-8642

**From:** Salkus, Beverley AG:EX  
**To:** Lo, Reamick ENV:EX  
**Subject:** Bullets: Question from MLA Tegart's CO  
**Date:** Tuesday, December 12, 2017 1:21:24 PM

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Hi Reamick,

Please see bullets in response to your request below:

- Alexandra Bridge Provincial Park facilities management falls within a Park Operator bundle agreement with Brandywine Environmental Management Limited who manage the facilities during the prime visitations season of May 1 – October 15th.
- The facilities are closed from October 15th – May 15th due to:
  - o low rate of visitors to the park
  - o lack of maintenance/monitoring of area facilities
  - o ensure protection of facility from vandalism or damage during seasonal closure.
- All facilities found in provincial parks along this eastern highway corridor are routinely closed during this period and include Skihist and Gold Pan Provincial Park's.
- Facilities have been routinely closed over this period for more than 20 years.

Kind Regards,

Beverley

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**From:** Lo, Reamick ENV:EX  
**Sent:** Monday, December 11, 2017 9:59 AM  
**To:** Salkus, Beverley ENV:EX  
**Subject:** Question from MLA Tegart's CO  
Morning Beverley,

MLA Tegart has a constituent who complains about the rest area in the Alexandria Bridge Provincial Park which is closed during the winter months. She said people often travels the highway through this area regularly but it's difficult to visit the park when the public washroom is closed.

Warmly,

Reamick Lo

Executive Assistant to the **Honourable George Heyman**  
Minister of Environment and Climate Change Strategy  
P: 250-812-8642

**From:** Salkus, Beverley AG:EX  
**To:** Lo, Reamick ENV:EX  
**Subject:** RE: MLA John Yap - zoos and inspection  
**Date:** Tuesday, December 12, 2017 3:16:58 PM

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Hi Reamick,  
Correct this would fall under FLNRO re: Wildlife  
Bev

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**From:** Lo, Reamick ENV:EX  
**Sent:** Tuesday, December 12, 2017 2:54 PM  
**To:** Salkus, Beverley ENV:EX  
**Subject:** MLA John Yap - zoos and inspection  
Hi Bev,

MLA John Yap's staff has a question with regard to zoos and inspection. Is it under our jurisdiction or FLNRO? Their constituent is concerned about the treatment of animals in zoos. Specifically, they mention the death from fungal infections at the Vancouver Zoo of two red pandas in August 2015.  
Thanks.

Warmly,

Reamick Lo

Executive Assistant to the **Honourable George Heyman**  
Minister of Environment and Climate Change Strategy  
P: 250-812-8642

**From:** [Lo, Reamick ENV:EX](#)  
**To:** [Bryce, Krista LASS:EX](#)  
**Subject:** RE: Fish Farm Study  
**Date:** Thursday, December 14, 2017 3:24:00 PM

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Hi Krista,

Thanks for your inquiry.

- We share your constituent's concerns and Minister Heyman takes any potential risks to the environment, including potential risks to wild fish, very seriously. For this reason, the Ministry staff has been asked to inspect the fish plant facilities where underwater observations were made earlier this year.
- In British Columbia, the Waste Discharge Regulation under the *Environmental Management Act* governs discharges from fish processing plants into the marine environment. Discharge requirements in fish processing plant permits are site specific, and depend on a number of factors including the volumes and types of effluent produced, and the receiving environment into which the discharge is released. The requirements are designed to ensure that the environment is protected and pollution does not occur.
- The Ministry of Environment and Climate Change Strategy has conducted numerous compliance inspections on fish processing facilities around BC and findings from these inspections have triggered amendments to their permits. Permit amendments typically include more stringent requirements about the authorized discharge quantity and quality as well as effluent treatment works, monitoring and reporting requirements.
- Proposed amendments may also require the implementation of a much more stringent discharge and receiving monitoring program that will allow a company and the Ministry to collect data to better assess potential impacts to the receiving environment. The permits for the facilities seen in the video are either in the process of having their permit amended or are due for review in the near future.
- We will continue conducting compliance inspections of these and other similar facilities in the province to ensure that regulatory requirements are met and that the environment is protected.

Thanks again.

Warmly,

Reamick Lo

Executive Assistant to the **Honourable George Heyman**

Minister of Environment and Climate Change Strategy

P: 250-812-8642

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**From:** Bryce, Krista [<mailto:Krista.Bryce@leg.bc.ca>]

**Sent:** Thursday, December 14, 2017 3:13 PM

**To:** Lo, Reamick ENV:EX

**Subject:** FW: Fish Farm Study

Hi Reamick,

Hope you're having a good day.

Does Ministry have any bullets or information on response to the concerns over the spread of viruses from farmed salmon to wild salmon and also response to the video released about the affluent released by fish farms on Vancouver Island, which can also be seen on the link provided below by this constituent.

Thank you for your assistance with this.

Kind regards,

**Krista Bryce**

Constituency Assistant

Michelle Stilwell, MLA

Parksville-Qualicum Constituency Office

250-248-2625

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**From:** s.22

**Sent:** Thursday, December 14, 2017 10:17 AM

**To:** Stilwell.MLA, Michelle s.17

**Subject:** Fish Farm Study

Michelle

I read on Global News today that the fish farms have infected our wild salmon with a virus. This is what we were all saying was going to happen and now it has. We regularly buy fresh salmon from French Creek Seafood and would hate to find out that viruses were involved. Please use your power to bring the practice of in ocean fish farming to an end once and for all. [https://globalnews.ca/news/3916276/new-study-shows-b-c-wild-salmon-are-being-infected-by-virus-coming-from-fish-farms/?utm\\_source=GlobalBC&utm\\_medium=Facebook](https://globalnews.ca/news/3916276/new-study-shows-b-c-wild-salmon-are-being-infected-by-virus-coming-from-fish-farms/?utm_source=GlobalBC&utm_medium=Facebook)

s.22

**From:** [Salkus, Beverley AG:EX](#)  
**To:** [Lo, Reamick ENV:EX](#)  
**Subject:** Fwd: BCP BULLETS - MO Request : Inquiry from MLA Mitzi Dean  
**Date:** Monday, December 18, 2017 12:19:32 PM

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Hi Reamick

Please see bullets from staff below

BEV

On Dec 18, 2017, at 12:00 PM, Murai, Launa Y ENV:EX <[Launa.Murai@gov.bc.ca](mailto:Launa.Murai@gov.bc.ca)> wrote:

ADM approved bullets, as requested.

<!--[if !supportLists]-->• <!--[endif]-->The Park Act does not support the use and exploitation of natural resources within Class A parks.

<!--[if !supportLists]-->• <!--[endif]-->Section 33 of the Park Act only permits subsurface rights to be granted under the *Petroleum and Natural Gas Act* or the *Oil and Gas Activities Act*, and does not allow any entry on or occupation, use or disturbance to the surface of the park.

<!--[if !supportLists]-->• <!--[endif]-->This means that any drilling or exploration can only take place on lands adjacent to a park. The subsurface rights for exploration, development or production of petroleum or natural gas should not impact the ecological and recreational values for which a park was established, as anyone granted those rights can't enter a park or occupy or disturb the surface of land in the park.

Thanks, Bev.

**From:** "Salkus, Beverley ENV:EX"  
<[Beverley.Salkus@gov.bc.ca](mailto:Beverley.Salkus@gov.bc.ca)>  
**Date:** December 14, 2017 at 3:02:35 PM PST  
**To:** "Murai, Launa Y ENV:EX"  
<[Launa.Murai@gov.bc.ca](mailto:Launa.Murai@gov.bc.ca)>  
**Subject:** BULLETS request: Inquiry from MLA Mitzi Dean

Hi Launa,  
Can we get staff to draft some bullets for MO on the request below?  
Bev

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**From:** Lo, Reamick ENV:EX  
**Sent:** Thursday, December 14, 2017 2:58 PM  
**To:** Salkus, Beverley ENV:EX  
**Subject:** Inquiry from MLA Mitzi Dean

Hi Bev,  
MLA Dean's constituent has expressed concern with regard to Section 33 of the BC Park Act



which makes it legal to give leases and permits to companies wanting to explore or drill for natural gas and oil in the BC Park system. The constituent feels that this section goes against what the Park Act is supposed to do, protect important places in BC for their natural and cultural importance to local communities, First Nations, and the entire province but open up for exploitation of resources that we need to keep in the ground.

The constituent asks if we would be open to discuss or repeal this section of the Act.

Reamick Lo

Executive Assistant to the **Honourable George**

**Heyman**

Minister of Environment and Climate Change Strategy

P: 250-812-8642

**From:** [Lo, Reamick ENV:EX](#)  
**To:** s.22  
**Subject:** RE: Four more articles/videos - Glyphosate  
**Date:** Monday, December 18, 2017 4:13:00 PM

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Hi s.22 ,

Here is the information for your review:

- In British Columbia, pesticide sales and use are regulated under the Integrated Pest Management (IPM) Act and Regulation. Glyphosate use in forestry in BC is generally conducted under a Confirmation of a Pesticide Use Notice, which requires companies to develop a comprehensive Pest Management Plan (PMP) that outlines the specific elements of their Integrated Pest Management approach to controlling vegetation. As part of the development of this PMP, a public consultation process must be conducted according to the Regulation. Once a Confirmation is received that authorizes the use of the pesticide, companies must submit to the Ministry of Environment & Climate Change Strategy an annual Notice of Intent to Treat, which indicates the planned chemical treatments for the year, and an Annual Use Summary at the end of the year, which summarizes total amount of pesticides used, and the total hectares treated using both chemical and non-chemical methods. Ministry inspectors conduct both field and office review inspections to verify compliance with the regulations, and have a range of enforcement tools available to address any instances of non-compliance.
- The IPM Regulation requires pesticide use in forestry to be done according to the principles of Integrated Pest Management, which seeks to use a wide range of tools, both chemical and non-chemical, to control pests. These include prevention of pest problems, proper identification of pests, use of monitoring and thresholds, appropriate treatment choices, and an evaluation of efficacy. A primary goal of IPM is to minimize the amount of pesticide used to control a pest. In addition, the required elements of the Pest Management Plan must also include a description of the environmental protection strategies and procedures that the authorization holder will follow, including strategies to protect fish and wildlife, riparian areas, and wildlife habitat from adverse effects of pesticide use. These requirements provide confidence that the judicious use of glyphosate in forestry is not having any adverse effects on forest health.
- All pesticides must be used according to label directions. In addition to label directions that establish buffers around sensitive aquatic or environmental features, provincial regulations require that for forestry uses, a 10 meter Pesticide Free Zone be established around or along all bodies of water, dry streams, and classified wetlands, providing further protection to the environment from any possible impacts from glyphosate use.
- Pesticides used in Canada are evaluated and registered by Health Canada's Pest Management Regulatory Agency, and registered active ingredients undergo periodic re-evaluations to determine if they are safe for human health and the environment. In 2015, Health Canada released the results from a comprehensive re-evaluation of glyphosate, in which they concluded that when used according to revised label directions, glyphosate use is not expected to pose risks of concern to the environment. These uses include the use of glyphosate in forestry. More information (April 2017) on the glyphosate re-evaluation decision is available on Health Canada's website at: [http://www.hc-sc.gc.ca/cps-spc/pubs/pest/\\_decisions/rvd2017-01/index-eng.php](http://www.hc-sc.gc.ca/cps-spc/pubs/pest/_decisions/rvd2017-01/index-eng.php)

Thank you once again for your call and emails.

Reamick Lo

Executive Assistant to the **Honourable George Heyman**

Minister of Environment and Climate Change Strategy

P: 250-812-8642

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**From:** s.22

**Sent:** Monday, December 4, 2017 11:03 AM

**To:** Lo, Reamick ENV:EX

**Subject:** Four more articles/videos - Glyphosate

Hi Reamick,

Thank you.....I'll call you in a few days. In the meantime, here is, to my mind, a good PDF.